

E.I. DuPONT de NEMOURS & CO., INC. - WAYNESBORO PLANT
WAYNESBORO, VIRGINIA

The Waynesbororo Plant, of

Waynesboro Virginia, a part of the E.I. DuPont de Nemours and Company, Inc manufactures Lycra spandex fiber and BCF nylon fiber. The Waynesboro facility also conducts research and development, and technical assistance. Since 1989, the facility has been working toward becoming a zero waste facility. Land management is also important and the facility is using their land for recycling and also for a wildlife preservation area. The facility has established recycling programs in community schools and offices and a Household Hazardous Waste Days program to help local residents properly dispose of wastes.

AT A GLANCE:

Industry Sector:	SIC 2821, 2824
Business:	Manufactures lycra spandex fiber and BCF nylon fiber
Facility Employees:	More than 1,000
Accomplishments:	Reduce total solid waste Increase recycled/reused material use
Commitments:	Reduce discharges of nitrogen nutrients to water Increase recycled material use Reduce SO ₂ emissions Reduce emissions of NO _x
Address:	400 DuPont Boulevard Waynesboro, Virginia 22980
Web site:	http://virginia.dupont.com

ENVIRONMENTAL PERFORMANCE

Past Accomplishments

Dupont's Waynesboro Plant has demonstrated its commitment to reduce total solid waste and increase recycled/reused materials use. The facility has:

- **Reduce total solid waste** 79% since 1996, and has eliminated 100% of ash waste by reusing it as a raw ingredient in cement.
- **Increase recycled material use** by recycling all of the cardboard waste stream. By using a machine that separates cardboard tubes from spun yarn, the facility saved around 2 million pounds of cardboard from landfills each year.

Future Commitments

The Waynesboro facility is also committed to continued environmental improvement through reducing toxic discharges to water, increasing recycled material use, and reducing SO₂ and NO_x emissions. By 2004, the facility will:

- **Reduce discharges of nitrogen nutrients to water** 19% by installing an additional process in the waste treatment facility. This reduction comes after an already 50% reduction from 1997 to 1999.

- **Increase recycled material use** 10% by improving mixed waste paper recycling at the facility. This will be accomplished through increased awareness of the waste stream, and through increased employee education and involvement.
- **Reduce SO₂ emissions** 14% by switching from coal fired powerhouse boilers to a natural gas system.
- **Reduce NO_x emissions** 25% by switching from coal fired powerhouse boilers to a natural gas system.

COMMUNITY OUTREACH

Community concerns can be addressed through a variety of means, such as the Community Advisory Panel, and through other community groups. The facility also prints notices in the newspaper and contacts area neighbors. Area schools work closely with the facility on a variety of activities. The annual performance will be available through Dupont's Annual Sustainable Growth Progress Report and will be discussed at the community Advisory Panels. The report will also be available online at <http://virginia.dupont.com>.